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I. Executive Summary/Inquiry Submittal Format (no more than 2 pages)

a. Project Title and Applicant Name

Project Title: Exotic Species Introduction Research

Applicant Name: Mr. Wayne White, Field Supervisor Sacramento Fish and Wildlife Office, U.S. Fish and Wildlife Service, 3310 Cottage Way, Suite 102, Sacramento, California 95824

b. Project Description and Primary Biological/Ecological Objectives

Timely, pertinent research is essential to success in identifying effective techniques for prevention, detection, monitoring, and control of exotic species in the Sacramento-San Joaquin Bay-Delta estuary. Research will include:

- (1) Principle pathways by which non-indigenous aquatic species are introduced and dispersed;
- (2) Possible methods for the prevention, monitoring, and control of non-indigenous aquatic species;
- (3) Assessment of the effectiveness of non-indigenous aquatic species prevention, monitoring, and control methods.

c. Approach/Tasks/Schedule

Approach. The Service staff will actively be involved in all aspects of this research, by assisting in its development. At all stages development, Service staff will suggest/recommend improvements and incorporation of actions beneficial to fish and wildlife.

Tasks. Activities fall within two major tasks -- Planning and Implementation.

Schedule. Service staff activities will fall within a 3-year time frame.

d. Justification for Project and Funding by CALFED

It is vitally important to control the introduction of exotic species into the Bay-Delta estuary. Research into methods to do this is critical.

e. Budget Costs and Third Party Impacts

Cost Breakdown Table

Project Task	Full Time Equivalents	Total Cost
Task 1: Planning	7 FTEs	\$ 525,000
Task 2: Implementing	12 FTEs	\$ 840,000
Total	19 FTEs	\$1,365,000

Third Party Impacts. Adequate funding will allow the Service to be involved throughout all phases of the design of the Program; thus, expediting the process of Program development.

f. Applicant Qualifications

The Service as a fish and wildlife resource agency has staff with extensive experience in evaluating ecosystems and their components, including wetlands, flora and fauna, fisheries, contaminants, and water quality within the delta and in developing ecosystem restoration plans throughout the Central Valley of California.

g. Monitoring and Data Evaluation

The Service will assist CALFED in reviewing monitoring reports, evaluating data and providing recommendations for remedial actions, if needed.

h. Local Support/Coordination with other Programs/Compatibility with CALFED objectives

The Service is actively providing technical support for all aspects of the CALFED Program.

II. Title Page (1 page)

a. Title of Project

Exotic species introduction research.

b. Name of applicant/principle investigator(s), address, phone/fax/E-mail (if different from above)

Wayne White, Acting Area Regional Director, Fish and Wildlife Service, 3310 El Camino, Suite 120, Sacramento, California 95824/ (916)979-2129/ FAX: (916)9079-2744/
E-mail: Wayne_White@mail.fws.gov

c. Type of Organization and Tax Status

Federal Agency

d. Tax Identification Number and /or Contractor license, as applicable

N/A

e. Technical and Financial Contact person(s), address, phone/fax/E-mail (if different from above)

Technical Contact: Joel Medlin, Deputy Field Supervisor, address, phone, and fax as above, E-mail: Joel_Medlin@mail.fws.gov or Jean Elder, CALFED Bay-Delta Coordinator, address, phone, and fax as above, E-mail: Evelyn_Elder@mail.fws.gov

Financial Contact: David Patte, Chief, Budget and Finance, U.S. Fish and Wildlife Service, Region I, Eastside Federal Complex, 911 N. E. 11th Avenue, Portland, Oregon 97232-4181

f. Participants/Collaborators in Implementation

Fish and Wildlife Service Staff as appropriate.

g. RFP Project Group Types(s) (Construction; Acquisition; Other Services)

Group 3: Services

III. Project Description (no more than 6 pages plus maps and/or figures)

a. Project Description and Approach

The delta is a highly complex ecosystem. Increased Service technical staff expertise, dedicated and intermittent, will be required to allow the Service to research the methods by which introductions of exotic species may be controlled.

b. Location and/or geographic boundaries of project

Sacramento-San Joaquin Bay-Delta estuary.

c. Expected benefit(s)

Potential delisting of species if threats are removed.

d. Background and Biological/Technical Justification

The Service as a fish and wildlife resource agency has staff with extensive experience in evaluating ecosystems and their components, including wetlands, flora and fauna, fisheries, contaminants, and water quality within the delta and in developing ecosystem restoration plans throughout the Central Valley of California.

e. Proposed Scope of Work

See project description and approach above.

f. Monitoring and Data Evaluation

Service staff will be involved in reviewing monitoring plans associated with the Program, evaluating the results, and providing recommendations to improve methodologies and proposals as well as remedial measures.

g. Implementability

Service staffing can be implemented upon receipt of funds.

IV. Costs and Schedule to Implement Proposed Project (no more than 2 pages plus tables and/or figures)

a. Budget Costs

Cost Breakdown Table

Project Task	Full Time Equivalents	Total Cost
Task 1: Planning	7 FTEs	\$ 525,000
Task 2: Implementation	12 FTEs	\$ 840,000
Total	19 FTEs	\$1,365,000

b. Schedule Milestones

The Service's schedule will fit within a 3-year time-frame.

c. Third Party Impacts

Early and frequent Service participation will expedite preparation and review of research planning and implementation products and facilitate consistency with Service policy, rules, regulations and projects under the authority of the U.S. Fish and Wildlife Service.

V. Applicant Qualifications (no more than 3 pages, including tables)

Professional staff will be used in accordance with their respective expertise.

VI. Compliance with standard terms and conditions (no more than 1 page plus forms)

Compliance with standard Federal contracting terms and conditions will be met.

D. Contract Requirements